SBR No. 28/22-23
DATED 15/09/2022

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR No. 28/22-23
Dt. 15/09/2022

No. 4Th & Final bill
Date……2010

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No…….. Dated……

Job Code :-008-20-000017

Schedule Docket No. Head of Account : **P 0300** M&R to Street lights - Replacement of Burnt bulbs etc

D.R.No. : **Period: 01-10-2021 to 31-03-2022 (for 6 months)**

Name of Work : *Operation and maintenance of Street Lighting system in Ward No 08 Package Y-08 of Yelahanka Zone"*

Name of Contractor and Full Address:**M/S. Jaicab Electricals** Date:06/01/2021

Reference to Agreement No:EE/Ele/YLK/TEND/WO/000042/2020-21 Dated 19/04/22

Supplymentry Aggrement:- EE/Ele/YZ/SWO/ 10 /2022-23

Certified that the measurements were taken by me on 8/6/22 and recorded of Pages 257266 to 268 of measurement Book No. 2573/21-22 and that the work is satisfactorily executed.

For JAICAB ELECTRICALS
PROPRIETOR

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 8/6/22 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
Sub-Division Officer

II Memorandum of Payment

		BBMP, Bangalore
1)	Total value of work done or supplies made as per account within	Bill 1545185=00
2)	Deduct amount to be held in reserve being ……percent Rs……	IT 1% 15452=00
3)	" Balance	LWC 1% 15452=00
4)	Deduct Payment:	EBTC 1% 1546=00
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… towards cash advance recovery of	Amount adjusted
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Sgst 1% 15298=00 CGst 1% 15298=00 SV 2% 30597=00 Fine= 10800=00
5)	Balance being unpaid value of work done held in reserve.	Deductions= 1,04,443=00
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	unadjustments items:
7)	Net amount due to or from Contractor	Cheque= 1440742=00
8)	Advance to Contractor for materials brought to site (as detailed) within.	Total amount adjusted - 1544 68
9)	Value of Government materials supplied.	for 3m 412.5 FSD 5% Deduction 1789 11=00 Cheque 1366274=00

For JAICAB ELECTRICALS
PROPRIETOR
Contractor's Signature

Received Rs…… (in words)……
……
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1.
2.
Dated
Paid by me by Cheque No. Dated……
Cash Rs……
Dated……
Initials of Officer making payment

For JAICAB ELECTRICALS
PROPRIETOR
Signature of Contractor

Stamp

PD300 Replacement of Bnt
ರೂ. 1545185=00ಕ್ಕೆ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ
ರೂ. 1440742=00 ನೀಡಬಹುದು
ರೂ. 104443=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿ
Executive Engineer

1366274
1789 11

ಕ್ಷೇತ್ರ ಅಧೀಕ್ಷಕರು
ಕಾ.ಪಾ.ಅ(ವಿ) ಯಲಹಂಕ ವಲಯ

Sl. No.	Description of item	Unit
	Name of Work :- Operation and maintenance of Street Lighting system in Ward No 08 Package Y-08 of Yelahanka Zone	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and switching ON/OFF of street lights at specified timing and Pole numbering,Preparing ward wise , street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below	
	i) Poles with 36/40 W fluorescent tube light street lighting system	Nos
2	iii) 125 W HPMV Light Park Lighting System	Nos
3	v) Poles with 250W HPSV light street lighting system	Nos
4	vii) Poles with 400 watts HPSV light street lighting system	Nos
5	Viii) Poles with 24 Watts LED Light street lighting system	Nos
6	viii) Poles with 65 Watts LED Light street lighting system	Nos
7	viii) Poles with 90 Watts LED Light street lighting system	Nos
8	viii) Poles with 110/120 Watts LED Light street lighting system	Nos
9	B Work to be carried ut as per requirment & actuals and as per the directions of the in charge engineer Painting of existing Street lighting pole after scraping the oid paint and painted with suitable colour enamel/silver paint including copingflooting of the pole a) Upto 5 Mtrs light pole	Nos
10	c) 8 Mtr and above Street light pole	Nos
11	Moulded Case Circuit Breaker (MCCB) three pole 100Amps 25kA.	
12	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	
13	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit(Mother board):Handles controlling,data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure.7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	
	TOTAL	
	Add GST 12 % on item no 9 to 12	
	TOTAL Rs	
	Fine imposed for non burning of street lights For the period of 1/10/2021 to 31/03/2022	
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material	
	GRAND TOTAL	

Certificate

The above said monthly maintenance work has been carried out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		For	6	Months	Upto Date paid so for 14 Months 20 Days		
326x8 Months 20 Days	117409.13	326	41.66	81486.96	326x14 Months 20 Days	198896.09	
110x8 Months 20 Days	55468.91	110	58.33	38497.80	110x14 Months 20 Days	93966.71	
2148x8 Months 20 Days	1392709.50	2148	75.00	966600.00	2148x14 Months 20 Days	2359309.50	
110x8 Months 20 Days	79242.66	110	83.33	54997.80	110x14 Months 20 Days	134240.46	
25x8 Months20 Days	12606.57	25	58.33	8749.50	25x14 Months20 Days	21356.07	
27x8 Months 20 Days	19450.47	27	83.33	13499.46	27x14 Months 20 Days	32949.93	
302x8 Months 20 Days	217557.13	302	83.33	150993.96	302x14 Months 20 Days	368551.09	
14x8 Months 20 Days	10085.43	14	83.33	6999.72	14x14 Months 20 Days	17085.15	
0	0.00	0	500.00	0.00	0	0.00	
0	0.00	0	700.00	0.00	0	0.00	
0	0.00	32	2000.00	64000.00	32	64000.00	
0	0.00	32	2000.00	64000.00	32	64000.00	
0	0.00	2	40000.00	80000.00	2	80000.00	
	1904529.81			**1529825.20**		**3434355.01**	
128000	0.00			15360.00		15360.00	
	1904529.81			**1545185.20**		**3449715.01**	
	44100.00			10800.00		54900.00	
	38090.60			30596.50		68687.10	
	1822339.21			**1503788.70**		**3326127.91**	